

IN THE SPECIFICATION:

Please amend paragraph [0061] of the corresponding published application as follows:

[0061] In this case, referring to FIG. 5B, the joystick [[Sa]] Sc is inclined in the forward, backward, left, and right directions, thereby changing the advancing direction to the down (D), up (U), left (L), and right (R) sides. The inclination amount in this case corresponds to the speed of angle change. By inclining the joystick [[Sa]] Sc in the middle direction (e.g., lower left direction or upper right direction), the advancing direction of the joystick [[Sa]] Sc is changed in the corresponding direction.

Please amend paragraph [0115] of the corresponding published application as follows:

[0115] In this case, the operator generates the magnetic field having the de-centered direction of the rotating magnetic field (hereinafter, referred to a jiggling magnetic field), thereby jiggling the capsule main body 3 with the jiggling jiggling magnetic field. Thus, the outer diameter of the capsule main body 3 is substantially (virtually) increased upon the jiggling operation and the spiral projection 12 is in contact with the inner wall of the luminal portion. As compared with the normal rotating magnetic field, the capsule main body 3 efficiently advances with the smoothness and stability.

Please amend paragraph [0133] of the corresponding published application as follows:

The normal vectors N^1 and N^2 are unit vectors and therefore the rotating angle $\Delta\theta$ is calculated as follows.

$$\Delta\theta^{1,2} = \cos^{-1} \{(y^1 Z^1 - Y^1 z^1)(y^2 Z^2 - Y^2 z^2)\}$$

Please amend paragraph [0153] of the corresponding published application as follows:

[0153] According to the second embodiment, upon displaying the image picked up by the capsule main body 3B on the display device 7, the image is displayed as shown in FIG. 15 FIG. 16.

Please amend paragraph [0174] of the corresponding published application as follows:

[0174] In the description, the medical apparatus main body is the capsule main body 3 or 3B comprising the capsule endoscope including the image pick-up element 14. However, the capsule medical apparatus main body may be used as a drug spray one for the cure or treatment as shown in FIG. 18 FIGS. 18a and 18b. That is, in a capsule medical apparatus 60, a capsule main body 63 having the spiral projection 12 on the outer peripheral surface has a drug accommodating unit 61. The drug accommodating unit 61 has a drug spreading opening portion 61a arranged on the edge side so as to spread the drug accommodated in the drug accommodating unit 61. FIG. 18 FIGS. 18a and 18b show a front view and a side view of shows the capsule medical apparatus 60 in the small intestine 55.